

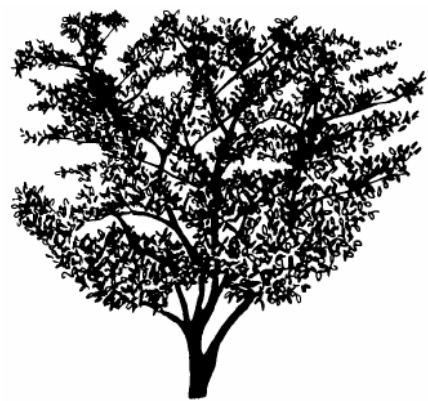
MARCH/APRIL

2006



Trees on
Maine Street
Bulletin

IN THE WORKS



Crimson Cloud English Hawthorn

Crateagus laevigata 'Crimson Cloud'

Crimson Cloud (also known as "Superba")

English Hawthorn grows rapidly in a pyramidal form to about 20 feet, and then the crown expands to become oval or irregular. The tree tolerates most soils, growing well in clay, but prefers heavy, dry loam. The main ornamental feature is white and red flowers borne in spring which together give the tree a deep pink color. Fruits are red and quite showy but do not cover the tree. Care should be given when locating this tree near pedestrian or vehicular traffic. Transplant in spring to full sun.

MAINE DEPARTMENT OF
CONSERVATION
MAINE FOREST SERVICE

R. ALEC GIFFEN
DIRECTOR
FOREST POLICY AND
MANAGEMENT DIVISION
We help you make informed decisions about
Maine forests



MAINE FOREST SERVICE
PROJECT CANOPY

Project Canopy staff transition: March 6 marks my last day as Project Canopy Director. Since 2002, I have had the pleasure of meeting and working with people from communities throughout Maine. And while Maine is blessed with tremendous natural resources, in my experience, the state's greatest community forestry resource is its dedicated citizenry. Keep up the good work.

It has been a pleasure serving you.

Mike DeBouis

2006 PROJECT CANOPY ASSISTANCE GRANTS AVAILABLE

Project Canopy Assistance Grants are available to state, county, and municipal governments, educational institutions, and non-profit organizations for developing and implementing community forestry projects and programs. Project Canopy, a cooperative partnership of the Department of Conservation's Maine Forest Service and the Pine Tree State Arboretum, anticipates that \$100,000 will be available to support community forestry projects in 2006.

For complete Project Canopy Assistance grant information, please visit the Project Canopy website at www.projectcanopy.org.

UNIVERSITY OF CALIFORNIA AT DAVIS TESTING 14 ELM VARIETIES

Elm trees were dominant features along the streets of many American cities during the early 20th century. But beginning in the 1930's, Dutch elm disease began taking its toll, and by the 1970's the disease had swept across the country, killing most of the elms in its path. The mystique of the elm lives on, and many communities long for the images we now find only in old postcards with streets lined by vase shaped elms. Today an elm revival is underway. New disease resistant varieties have been propagated and are being planted in cities and towns once again. With this renaissance, researchers, teachers, students and grounds crews planted 70 elms at the Bowley Plant Science Teaching Center on the campus of UC Davis in May 2005. The trees consist of 14 varieties including disease tolerant American elm cultivar 'Valley Forge' and hybrids such as 'Accolade,' mostly of Asian heritage, whose vase shape duplicates that of the American elm. Other promising cultivars have the added advantage of elm leaf beetle resistance, ornamental bark, and a wide range of environmental tolerances. Researchers will compare the trees' performance in terms of growth, health, fall color, and resistance to elm leaf beetle and Dutch elm disease. Their root architecture will be examined using air spades that expose roots with minimal disturbance. This technology makes it possible to identify cultivars with deep and shallow rooting patterns, thereby reducing future conflicts between tree roots and sidewalks. Visit the USDA Forest Service Center for Urban Forest Research for information and results on annual evaluations at www.fs.fed.us/psw/programs/cufr.

Even a Mile of Forest Makes a Difference in Water Quality

Results from a small-scale experiment in western North Carolina illustrate the importance of National Forest lands in ensuring high water quality in the Southern Appalachian region.

Conducted by scientists from the USDA Forest Service Southern Research Station (SRS), the study, published in the January 2006 issue of the journal Water, Air, and Soil Pollution, showed that the quality of water in streams from an area heavily affected by urbanization was significantly improved by its passage through streams flowing in undeveloped forested areas.

Findings showed a definite "cleaning" affect on the stream from passing through just a mile of National Forest, with evidence of significant reductions in concentrations of chemicals such as nitrates, ammonium, and phosphorous. In response to storms, total suspended solids increased to a higher level at the urban sampling site and stayed higher longer, probably due to more impervious surfaces and land disturbances that increase sediment loading into streams. www.srs.fs.usda.gov/newsroom/newsrelease/2006/nr_2006-01-27-water-quality.htm

Canada Warblers at Risk

Canada Warblers are declining throughout the Northeast at rates of 4% to 7% per year. The causes of the declines are unknown, but loss and degradation of breeding habitat appear to be contributing factors.

The Vermont Institute of Natural Science has produced two new resources to help land stewards stabilize the population by protecting and enhancing habitat. [Canada Warbler Population Status, Habitat Use, and Stewardship Guidelines for Northeastern Forests](#) is a 19-page technical report. [Conserving Canada Warbler Habitat: Practical Guidelines for Stewards of the Northern Forest](#) is a tri-fold pamphlet.

The Canada Warbler is a Neotropical migratory songbird that nests in moist woodlands of boreal Canada, the northeastern United States, and south along the Appalachian Mountains to Tennessee. The vast majority of its global population



Maine Forest Service
Project Canopy
22 State House Station
Augusta, ME 04333-0022

FIRST CLASS MAIL
US POSTAGE PAID
PERMIT NUMBER 8
AUGUSTA, ME

Funding Provided by the Maine Forest Service and USDA
Forest Service. Printed on recycled paper with soy ink

IN THE WORKS (continued)

**“A tree is known by its
fruit; a man by his deeds.
A good deed is never lost;
he who sows courtesy
reaps friendship, and he
who plants kindness
gathers love.”**
- Basil

LINKING UP

UP AND COMING

PROJECT CANOPY
assists communities and nonprofit,
grassroots organizations in building self-
sustaining urban and community forestry
programs with strong local support.

Editors: **Jan Ames Santerre**
Community Forestry Specialist
Pine Tree State Arboretum
Phone: (207) 623-2371
Fax: (207) 621-8245
e-mail: canopyinfo@adelphia.net

Mike DeBonis
Maine Forest Service
Phone in state: 800-367-0223
Out-of-state: (207) 287-4987
Fax: (207) 287-8422
e-mail: michael.debonis@maine.gov

On the Web at:
www.projectcanopy.org

occurs in Canada and the Atlantic Northern Forest of New England and New York. Over the last 40 years Canada Warblers have steadily declined throughout the northeastern U.S., raising concerns about habitat loss and degradation. This has prompted bird conservation organizations and wildlife managers to list the species as a high priority in need of conservation action and research. Nevertheless, the Canada Warbler has received little attention from avian ecologists — until now.

Biologists from the Vermont Institute of Natural Science, along with collaborators from Salve Regina and Plymouth State Universities, have been studying the Canada Warbler's breeding ecology since 2001. This work has led to a better understanding of the species' population status and habitat requirements in the Northern Forest, as well as to the development of practical stewardship guidelines for natural resource professionals.

To learn more about the Vermont Institute of Natural Science, please visit their website at www.vinsweb.org/cbd/CAWAresearch.html.

Cornell University- Structural Soil Bulletin free on the web

A 17-page bulletin, "Using CU-Structural Soil in the Urban Environment," is now available free at www.hort.cornell.edu/UHI.

Tools for Developing Ordinances

General Code Publishers - www.generalcode.com/webcode2.html

LexisNexis municipal codes – www.municipalcodes.lexisnexis.com/#WI

Online ordinance clearinghouses www.municode.com/index.asp
www.amlegal.com/library

MARCH

4 Maine Arborist Association Annual Meeting and Trade Show. Verillos Conference Center. Portland Maine. Contact MAA at 207-657-3256 or visit www.maine-arborist.org for more information.

9-12 Portland Flower Show, Portland Company Marine Complex. For more information and ticket sales visit www.portlandcompany.com

11 9 AM – noon Winter Tree Identification, Led by Pine Tree State Arboretum Executive Director Stephen Oliveri. Preregistration required. Contact PTSA at 207-621-0031 for more information or to register.

17 The Tree System with Dr. Alex Shigo. The Sugar Shack, Barrington, NH. A free session for students and teachers. Contact Tim Walsh at t.m.walsh@att.net or 603-867-0899 FMI

25 10 AM – Noon, Tree Pruning Basics. Pine Tree State Arboretum, Augusta. Preregistration required. Contact PTSA at 621-0031 FMI or to register.

26 Maine Maple Sunday, Visit www.getrealmaine.com for locations and more information

April

7 Hundred year Tree Care with Dr. Kevin Smith, Metropolitan Community College, Omaha, NE. Contact Jack Phillips at jackphillips@consultingarborist.org or 402-571-7460 FMI.

10-12 Trees and Utilities National Conference. Sponsored by the National Arbor Day Foundation. Crowne Plaza Chicago O'Hare, Chicago IL. Contact NADF for more information at www.arboday.org/tuconference or 1-888-448-7337

26 Chainsaw Safety course, sponsored by the Maine Arborist Association. Lead by retired OSHA National Compliance Assistance Coordinator and logging safety specialist Paul Cyr. Location TBA. Contact Jon Hanisko at MAA for more information.

29 Third Maine Conservation Expo hosted by Franklin County Soil & Water Conservation District. University of Maine Farmington Campus. Contact FCSWCD at 207-778-4279 FMI or to register.

May

12-13 2006 Northeastern Forest Products Equipment Expo. Essex Junction, VT. Contact www.northernlogger.com or 1-800-318-7561 for more information.

19 ISA Certified Arborist Exam, 8 AM – 12 PM. North Belgrade Community Center, Belgrade, ME. Contact ISA at www.isa-arbor.com or 217-355-9411 for an application. Exam registration must be received by ISA at least 12 working days prior to the date of the exam.

If you would like to put your community's activity on the calendar, please let one of the editors know by the 15th of each month.

This newsletter is made possible by a grant from the USDA Forest Service. The USDA prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. To file a complaint call (202) 720-5964